LN1251CTR

Surface Mounting Chip LED

J Type

■ Absolute Maximum Ratings $T_a = 25$ °C

Parameter	Symbol	Rating	Unit	
Power dissipation	P_{D}	45	mW	
Forward current	I_{F}	15	mA	
Pulse forward current *	I_{FP}	60	mA	
Reverse voltage	V _R	4	V	
Operating ambient temperature	T _{opr}	-25 to +80	°C	
Storage temperature	T _{stg}	-30 to +85	°C	

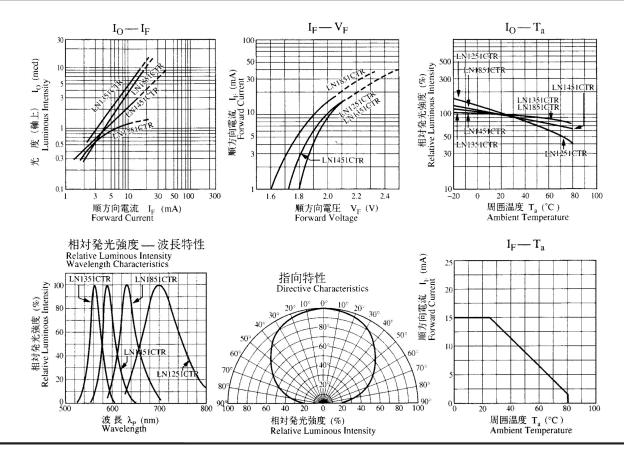
Note) *: The condition of I_{FP} is duty 10%, Pulse width 1 msec.

■ Lighting Color / Lens Color

• Red / Clear

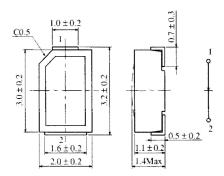
■ Electro-Optical Characteristics $T_a = 25$ °C

Parameter	Symbol	Conditions	Min	Тур	Max	Unit
Luminous intensity	I _O		0.45	1.2		med
Forward current	I_{F}			10		mA
Forward voltage	V _F	$I_F = 15 \text{ mA}$		2.1	2.8	V
Peak emission wavelength	$\lambda_{ m P}$	$I_F = 15 \text{ mA}$		700		nm
Spectral half band width	Δλ	$I_F = 15 \text{ mA}$		100		nm
Reverse current	I_R	$V_R = 4 V$			5	μΑ



LN1251CTR Panasonic

■ Package (Unit: mm)



- Pin name
 - 1: Anode
 - 2: Cathode

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